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COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol 14, No. 52

WEEKLY REPORT

Week Ending January 1, 1966

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

HUMAN RABIES – California

On December 8, 1965, a 35-month-old Mexican girl died at the Children's Hospital, San Diego, California, with symptoms indicative of rabies. This diagnosis was confirmed on December 10 by the California State Department of Public Health Viral and Rickettsial Laboratory. The onset of the illness was after an apparent incubation period of only 10 days.

The child came from Ensenada, Baja California, Mexico, where she had been bitten above the right ear by a presumed rabid dog on November 18. This dog subsequently bit other dogs and all the animals involved were destroyed; none of these dogs was examined for rabies. However, because of the history the child was started on a course of treatment, using an unspecified rabies vaccine, on November 19, the day after she was bitten. No rabies vaccine was given on November 20 and 21. However, the course of treatment was resumed on November 22 and the rabies vaccine was administered daily thereafter through November 30, when the tenth and last dose was

(Continued on page 442)

CONTENTS

Human Rabies – California 440
Current Trends
Poliomyelitis – 1965 441
International Notes
Quarantine Measures 445
Index – Volume 14 – 1965 446

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	52nd WEEK ENDED		MEDIAN 1960–1964	CUMULATIVE, FIRST 52 WEEKS		
	JANUARY 1, 1966	DECEMBER 26, 1964		1965	1964	MEDIAN 1960–1964
Aseptic meningitis	49	20	24	2,126	2,135	2,537
Brucellosis	9	4	15	258	400	412
Diphtheria	3	5	14	160	293	463
Encephalitis, primary infectious	25	36	---	1,877	3,206	---
Encephalitis, post-infectious	12	10	---	653	781	---
Hepatitis, infectious including serum hepatitis	699	515	842	33,658	37,673	42,891
Measles	4,150	2,800	4,278	266,222	487,819	429,840
Meningococcal infections	73	51	51	3,039	2,813	2,197
Poliomyelitis, Total	–	1	21	59	116	902
Paralytic	–	1	16	43	91	717
Nonparalytic	–	–	---	10	14	---
Unspecified	–	–	---	6	11	---
Streptococcal Sore Throat and Scarlet fever	7,203	6,037	6,092	388,993	393,846	317,079
Tetanus	2	1	---	276	267	---
Tularemia	8	11	---	246	332	---
Typhoid fever	18	13	13	459	460	632
Rabies in Animals	81	57	61	4,236	4,515	3,556

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	7	Rabies in Man: Calif.-1	2
Botulism:	18	Smallpox:	–
Leptospirosis: La.-1, Tenn.-1	66	Trichinosis: Pa.-1	108
Malaria: Md.-1, N.C.-1, Pa.-4, Ark.-1, Colo.-1, N.Y.C.-1	93	Typhus –	
Plague:	6	Murine:	26
Psittacosis: Ark.-1, Wisc.-1	52	Rky. Mt. Spotted:	261
Cholera:	2		

HUMAN RABIES – California

(Continued from front page)

given. There is no history of hyperimmune serum being given after the child had been bitten.

On November 28 the child began to show evidence of cerebral irritation; on November 29 and 30 her temperature began to rise and she became stuporous. On December 6 she was admitted to San Diego Children's Hospital at the request of officials of the Tijuana Health Department. On admission she was totally unresponsive with a rising temperature, which was 104° F on December 7 shortly before death.

A white cell count on admission was 10,500 with 75 percent neutrophils and 20 percent lymphocytes; the hemocrit was 37. Cerebrospinal fluid pressure was slightly increased; the fluid was clear with a cell count of 24 polymorphs and one lymphocyte. Culture of the fluid for organisms gave negative results.

After the death of the child on December 8 an autopsy was performed and specimens of the brain, using the fluorescent antibody technique, were positive for rabies. Infant mice were inoculated with the brain tissue and on the 5th day one mouse began to show suspicious symptoms. It was sacrificed and was positive for rabies by the fluorescent antibody technique. Thereafter it was not until the 17th day that other mice began to show symptoms of rabies. One mouse was sacrificed on that day and another on the 19th day. Both of these mice were also fluorescent antibody positive for rabies. Laboratory studies of other tissues obtained at the autopsy are proceeding.

(Reported by Dr. J. B. Askew, Health Officer, San Diego California; Dr. Philip K. Condit, Chief, Bureau of Communicable Disease; and Dr. George L. Humphrey, Public Health Veterinarian, State of California Department of Public Health.)

CURRENT TRENDS

POLIOMYELITIS – 1965

Weekly poliomyelitis case reports are received at the Communicable Disease Center from State and local health departments through the National Morbidity Reporting System. Poliomyelitis Surveillance forms are later completed on individual patients and forwarded to CDC; when all of these forms have been received they provide the data for the annual Poliomyelitis Surveillance Report. The following summary has been compiled from the weekly telegraphic reports to CDC and from such Poliomyelitis Surveillance data as are presently available.

Through the 52nd week of 1965, a provisional total of 59 cases of poliomyelitis has been reported in the United States; of these, 43 are classified as paralytic cases. This provisional total of paralytic cases is less than one-half of that reported during 1964, the previous record low year.

The dramatic decline in the annual incidence of poliomyelitis is illustrated in Figure 1. The peak of recorded incidence was in 1952 when an estimated total of 21,000 cases of paralytic disease was reported, a rate of 37.2 per 100,000 population. The comparative rate for 1965 is 0.025 per 100,000.

The occurrence of paralytic poliomyelitis by 4-week periods during the last 5 years is shown in Figure 2. The seasonal pattern of increased incidence during the early summer is evident in 1961 through 1963; in 1964 this was not a feature. However, during 1965 this early summer incidence is again discernible in very slight degree.

Preliminary information about 34 of the 43 paralytic cases reported in 1965 is available from the Poliomyelitis Surveillance forms submitted by the State Health Departments. The geographic distribution of the 34 cases throughout the U.S. is shown in Figure 3 (page 444); 32 percent of them were reported from nine counties in Texas. The only counties to report two cases of paralytic polio in any one month were Scottsbluff County, Nebraska, Cameron County, Texas, and Yuma County, Arizona.

The Communicable Disease Center epidemic reserve oral polio vaccine type I was used in mass vaccination campaigns in children in Pinal and Yuma Counties, Arizona, in February and May 1965 respectively.

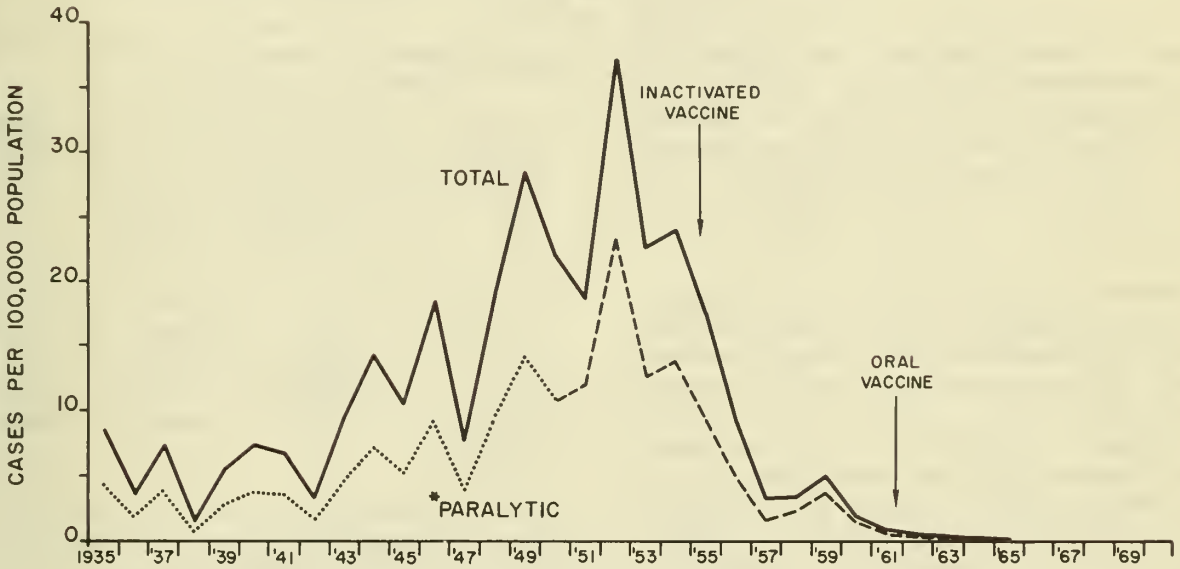
Two deaths from bulbar poliomyelitis occurred. One was of a child aged 1½ years from Wise County, Texas, and the other of a child of 11 years from Scottsbluff County, Nebraska; neither had received any polio vaccine. The paralytic status of the other 32 cases, as assessed after 60 days, was that 8 cases are so severely disabled as to be confined to bed or wheel chair; a further 12 cases have significant disability and 6 cases have only minor residual motor involvement. Data regarding the 60-day status of the remaining six cases are not yet available.

There are two major points of interest and importance illustrated in Table 1 which shows the age and vaccination status of the 34 paralytic cases. The first is that 56

(Continued on page 444)

Figure 1

ANNUAL POLIOMYELITIS INCIDENCE RATES
United States, 1935–1965



*PARALYTIC CASES PRIOR TO 1951 ASSUMED TO BE 50% OF TOTAL. SINCE 1951, CASES REPORTED AS UNSPECIFIED WERE PRORATED AMONG PARALYTIC AND NONPARALYTIC CASES.

SOURCE: National Morbidity Reports

Figure 2

PARALYTIC POLIOMYELITIS CASES
By Date of Onset, 1961–1964
By Date of Report, 1965

SOURCE: Poliomyelitis Surveillance Unit

percent of them are 4 years of age or younger; the second is that 59 percent had received no polio vaccine whatsoever.

Of the 34 paralytic cases, stool specimens were available for laboratory examination from 29 patients and poliovirus was present in specimens from 24 of them (Table 2, page 445). In one case from New York both type I and type III poliovirus were isolated from the same specimen; in another case from Michigan, type II poliovirus and coxsackie virus type A4 were also isolated from one specimen.

Isolations of poliovirus during 1965 are compared with those in previous years in Table 2. The relative increase in the frequency of recovery of type II poliovirus is believed to be associated with a wider distribution of oral poliovaccine.

According to the Poliomyelitis Surveillance Reports received thus far at CDC, there were no paralytic cases reported during 1965 in persons who had received oral polio vaccine less than 30 days before the onset of paralysis. In four individuals, however, paralytic poliomyelitis occurred within 30 days of known contact with persons recently vaccinated with trivalent oral polio vaccine. *(Reported by the Polio Surveillance Unit, CDC.)*

Table 1
PARALYTIC POLIOMYELITIS, UNITED STATES 1965
By Age Group and Vaccination Status

Age Group	Total Cases	Doses Inactivated Vaccine					Doses Oral Vaccine				
		0	1	2	3	4	0	1	2	3	Trivalent
0-4	19	13	1	0	4	1	16	1	0	0	2
5-9	3	2	0	0	0	1	2	0	0	1	0
10-14	5	0	2	0	3	0	5	0	0	0	0
15-19	2	1	0	0	0	1	2	0	0	0	0
20-29	3	2	0	0	0	1	3	0	0	0	0
30-39	0	0	0	0	0	0	0	0	0	0	0
40+	2	2	0	0	0	0	2	0	0	0	0
Total	34*	20	3	0	7	4	30	1	0	1	2

*Cases reported to the Poliomyelitis Surveillance Unit, CDC, through December 30, 1965.

Figure 3.

PARALYTIC POLIOMYELITIS, 1965
GEOGRAPHIC DISTRIBUTION OF CASES REPORTED TO POLIO SURVEILLANCE UNIT
THROUGH DECEMBER 30, 1965

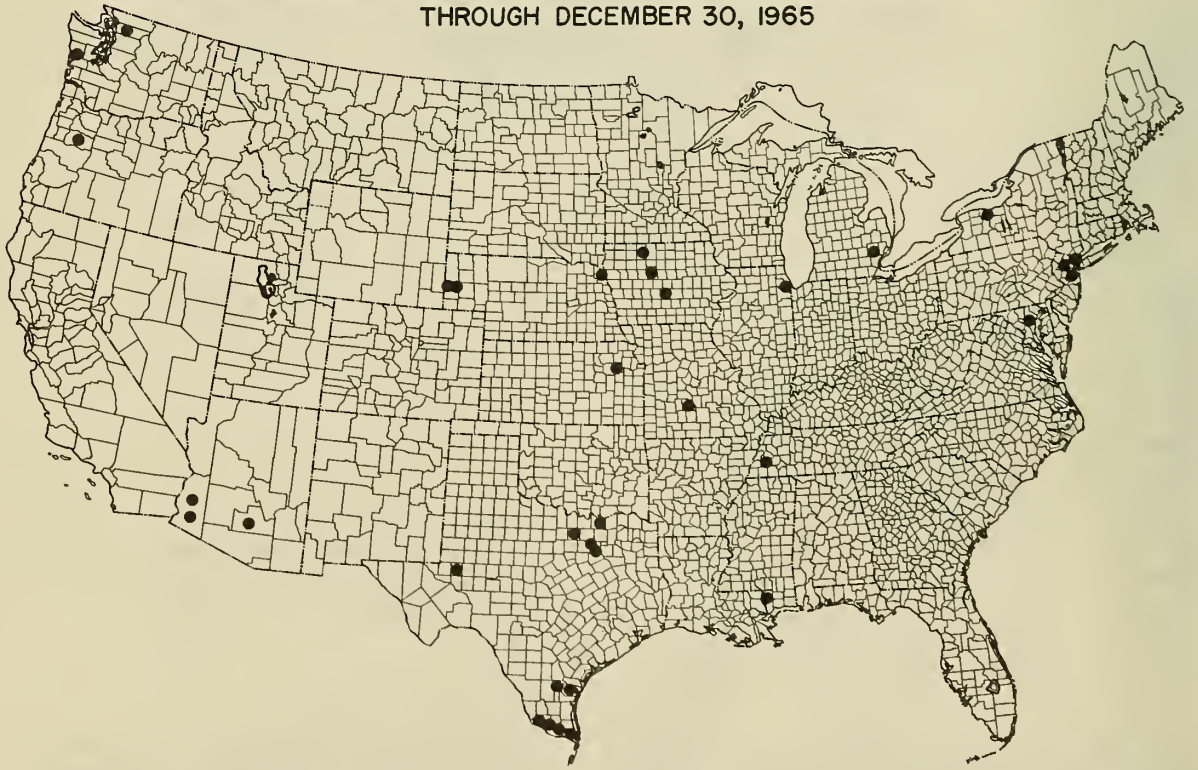


Table 2
POLIOVIRUS ISOLATIONS from PARALYTIC CASES
United States, 1958-1965

Year	Numbers of Cases		Percent of Cases Studied	Viruses Identified				Percent of Total Specified		
	Residual Paralysis	Specimens Submitted *		Type I	Type II	Type III	Unk.	Type I	Type II	Type III
1958	3301	1479	44.8	898	29	194	10	80.1	2.6	17.3
1959	5472	2775	50.7	1881	10	228	23	88.8	0.5	10.8
1960	2218	1072	48.3	603	1	219	2	73.3	0.1	26.6
1961	829	481	58.0	231	6	145	0	60.5	1.6	37.9
1962	691	472	68.3	300	8	100	0	73.5	2.0	24.5
1963	336	242	72.0	160	6	31	0	81.2	3.0	15.7
1964	91	77	84.6	21	6	24	0	41.2	11.8	47.0
1965	34	29	85.2	15	6	4	0	60.0	24.0	16.0

*Includes all paralytic cases on which one or more fecal specimens were examined for virus isolation. State and local health department laboratories and laboratories in academic centers reported these results through State epidemiologists to the Poliomyelitis Surveillance Unit.

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel
1965-66 edition–Public Health Service Publication No. 384

SECTION 5

AFRICA

Algeria, Page 21

Under yellow fever delete vaccination required from arrivals from endemic zones. All other information remains the same.

Sudan, Page 32

Delete previous information under yellow fever and insert:

"Travelers who have been in that part of Sudan south of 15° N Latitude and are proceeding to a receptive area (see P. 90) are required to possess a vaccination certificate. Travelers who have not been south of that parallel and leave Sudan for the United Arab Republic are advised that, on arrival in the UAR, they will be required to possess a location certificate."

ASIA

India, Page 47

Under yellow fever, delete the first paragraph starting with, "Any person (including infants) arriving by air or sea . . . ."

Delete the first paragraph on page 48 starting with, "A certificate is not regarded as valid until 12 days after vaccination in an infected area . . . ." and insert:

"Any person (including infants), arriving by air or sea without a certificate, is detained in isolation for a period up to 9 days if he arrives within 9 days of departure from an infected area or has been in an infected area and has not been disinfected in accordance with the procedure and formulation laid down in Schedule IV of the Indian Aircraft (Public Health) Rules, 1954, or those recommended by WHO."

(Continued on page 452)

INDEX – VOLUME 14 – 1965

ANTHRAX
Epidemic Reports
Massachusetts, 160
New Jersey, 238, 304
North Dakota, 270
Pennsylvania, 104
South Carolina, 265, 270
Virginia, 99

BOTULISM
Epidemic Reports
Alabama, 115
California, 345, 427
Idaho, 225, 339
Washington, 170

CHICKENPOX
Epidemic Reports
Washington, D.C., 277

CHOLERA
Epidemic Reports
Washington, D.C., 193, 237

CLOSTRIDIUM PERFRINGENS
Epidemic Reports
Arkansas, 385
Georgia, 187

COCCIDIOIDOMYCOSIS
Epidemic Reports
California, 302

DIPHTHERIA
Epidemic Reports
Nebraska, 386
Summory
Current, 209

ENCEPHALITIS, POST-INFECTIOUS
Summory
Annual, 246
Current (Tables) 7, 114, 147, 163, 219, 311, 371

ENCEPHALITIS, PRIMARY ARTHROPOD-BORNE
Epidemic Reports
Colorado, 293, 258, 245
Delaware, 387
New Jersey, 387
North Carolina, 264
Texas, 251
Summory
Current, 247, 334, 360

GASTROENTERITIS
Epidemic Reports
California, 178, 318
Indiana, 401
Ohio, 411
New York, 353
Washington, D.C., 211
Washington, 369

GENERAL
Recommendations of the PHS Advisory Committee on Immunization Practices, 64 (Measles, Rubella, Smallpox, Yellow Fever)
Reported Deaths in 122 U.S. Cities, 10, 47, 179
Statistical Methods, 8

HEPATITIS
Epidemic Reports
Colorado, 258
New Jersey, 294
Summory
Annual, 259
Current, 75, 153

INFLUENZA
Epidemic Reports
State: 26, 34, 42, 54, 61, 82
Intern'l: 26, 40, 42, 45, 62, 72, 82, 88, 90
Summory
Current, 1, 25, 34, 41, 53, 61, 73, 81, 89, 97, 115, 370
Recommendations for Influenza Immunization and Control in the Civilian Population – 1965-66, 203

MALARIA
Epidemic Reports
Georgia, 287
Nevada, 433
Pennsylvania, 19, 74
Summory
Annual, 286
Current, 434

MEASLES
Epidemic Reports
California, 352
Kentucky, 377, 409
New Jersey, 368, 410
Rhode Island, 432
Summory
Current, 202, 346, 379, 417
Recommendations of the PHS Advisory Committee on Measles Immunization Practice, 310

MENINGITIS, ASEPTIC
Epidemic Reports
Tennessee, 327

MENINGOCOCCAL INFECTIONS
Summory
Current, 80, 121, 145, 187, 218, 418

MUMPS
Epidemic Reports
Alaska, 278

MYIASIS
Epidemic Reports
Puerto Rico, 402

INDEX – VOLUME 14 – 1965 (Continued)

PLAGUE
Epidemic Reports
California, 325, 392
New Mexico, 257, 285, 301
Intern'l, 104, 128

PNEUMONIA
Epidemic Reports
Washington, D.C., 265

POISONING
Metallic
Antimony
Virginia, 27

POLIOMYELITIS
Epidemic Reports
Arizona, 105, 216
Florida, 74 (primates)
Nebraska, 171, 195
Texas, 224
Intern'l, 128, 324
Summary
Annual, 226
Current, 98, 113, 201, 217, 442

RABIES
Epidemic Reports
California, 441
Iowa, 270
Military personnel, overseas, 106
Tennessee, 162
West Virginia, 195
Summary
Annual, 266
Current, 17, 55, 161

RUBELLA
Epidemic Reports
New York, 44
Summary
Annual, 137
Current, 354

SALMONELLOSIS
Epidemic Reports
California, 19, 178, 185, 194
Colorado, 162
Florida, 287
Michigan, 171
New Jersey, 435
Rhode Island, 251
Washington, D.C., 211, 238
Washington, 333
Summary
Annual, 279, 393
Current, 7, 107, 146, 210, 279, 327, 379

SHIGELLOSIS
Epidemic Reports
Georgia, 24
Kansas, 361
North Carolina, 18
Summary
Current, 363, 426

SMALLPOX
Epidemic Reports
Washington, D.C., 169, 177, 194
Change of Diagnosis of Smallpox to Chickenpox, 277
Kulmbach, Germany, 419
Sudan, Africa, 136

STAPHYLOCOCCAL INFECTIONS
Epidemic Reports
Ohio, 411
Virginia, 211

SYPHILIS
Current (Tables), 8, 46, 99, 147, 155, 219, 239, 271, 311, 403, 435

TETANUS
Summary
Annual, 129

TICK PARALYSIS
Epidemic Reports
Oregon, 319

TRICHINOSIS
Epidemic Reports
Iowa, 200
Minnesota, 96

TUBERCULOSIS
Epidemic Reports
Wisconsin, 400
Summary
Current, 395

TYPHOID FEVER
Epidemic Reports
New York City, 112
Rhode Island, 251

YELLOW FEVER
Epidemic Reports
Senegal, West Africa, 411

VESICULAR STOMATITIS VIRUS
Epidemic Reports
Colorado, 309
New Mexico, 309

VIBRIO FETUS
Epidemic Reports
Oregon, 425 (human)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 1, 1966 AND DECEMBER 26, 1964 (52nd WEEK)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis						Diphtheria	
			Primary	Post-Inf.	Total Cases			Paralytic				
						Cumulative			Cumulative			Cum.
	1965	1964	1965	1965	1965	1965	1964	1965	1965	1964	1965	1965
UNITED STATES...	49	20	25	12	-	59	116	-	43	91	3	160
NEW ENGLAND.....	2	-	-	-	-	-	2	-	-	2	-	2
Maine.....	-	-	-	-	-	-	1	-	-	1	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	2	-	-	-	-	-	-	-	-	-	-	2
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	1	-	-	1	-	-
MIDDLE ATLANTIC.....	11	1	13	1	-	5	15	-	4	13	-	6
New York City.....	9	-	8	-	-	1	2	-	-	2	-	3
New York, Up-State.	1	1	1	-	-	1	10	-	1	9	-	1
New Jersey.....	1	-	4	-	-	3	3	-	3	2	-	-
Pennsylvania.....	-	-	-	1	-	-	-	-	-	-	-	2
EAST NORTH CENTRAL...	6	2	-	3	-	2	24	-	2	17	-	7
Ohio.....	-	-	-	-	-	-	3	-	-	2	-	2
Indiana.....	5	-	-	-	-	-	9	-	-	6	-	2
Illinois.....	-	1	-	3	-	1	6	-	1	5	-	2
Michigan.....	1	1	-	-	-	1	3	-	1	2	-	-
Wisconsin.....	-	-	-	-	-	-	3	-	-	2	-	1
WEST NORTH CENTRAL...	3	-	2	-	-	12	10	-	8	8	-	21
Minnesota.....	-	-	-	-	-	1	3	-	1	2	-	7
Iowa.....	3	-	-	-	-	5	1	-	2	1	-	1
Missouri.....	-	-	2	-	-	1	4	-	-	3	-	1
North Dakota.....	-	-	-	-	-	-	1	-	-	1	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	9
Nebraska.....	-	-	-	-	-	4	-	-	4	-	-	2
Kansas.....	-	-	-	-	-	1	1	-	1	1	-	1
SOUTH ATLANTIC.....	4	2	2	2	-	1	32	-	1	25	-	40
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	1	1	-	1	1	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	3
Virginia.....	-	1	-	2	-	-	4	-	-	4	-	-
West Virginia.....	-	-	-	-	-	-	1	-	-	1	-	-
North Carolina.....	3	-	1	-	-	-	12	-	-	7	-	4
South Carolina.....	-	-	-	-	-	-	1	-	-	1	-	2
Georgia.....	-	-	-	-	-	-	3	-	-	3	-	22
Florida.....	1	1	1	-	-	-	10	-	-	8	-	9
EAST SOUTH CENTRAL...	1	3	-	-	-	4	6	-	2	5	-	32
Kentucky.....	-	-	-	-	-	1	-	-	-	-	-	-
Tennessee.....	-	1	-	-	-	2	3	-	1	2	-	2
Alabama.....	-	2	-	-	-	-	2	-	-	2	-	28
Mississippi.....	1	-	-	-	-	1	1	-	1	1	-	2
WEST SOUTH CENTRAL...	2	-	1	-	-	21	13	-	18	12	1	40
Arkansas.....	-	-	-	-	-	1	1	-	1	1	-	2
Louisiana.....	-	-	1	-	-	2	1	-	1	1	1	12
Oklahoma.....	-	-	-	-	-	2	3	-	2	2	-	1
Texas.....	2	-	-	-	-	16	8	-	14	8	-	25
MOUNTAIN.....	4	-	3	-	-	5	11	-	3	6	1	2
Montana.....	1	-	-	-	-	-	-	-	-	-	1	1
Idaho.....	-	-	-	-	-	-	1	-	-	1	-	-
Wyoming.....	-	-	-	-	-	-	2	-	-	2	-	-
Colorado.....	1	-	3	-	-	-	2	-	-	2	-	-
New Mexico.....	1	-	-	-	-	1	5	-	1	-	-	1
Arizona.....	-	-	-	-	-	4	1	-	2	1	-	-
Utah.....	1	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	16	12	4	6	-	9	3	-	5	3	1	10
Washington.....	4	-	1	1	-	3	-	-	3	-	1	4
Oregon.....	-	-	-	-	-	1	1	-	1	1	-	1
California.....	12	11	3	5	-	5	2	-	1	2	-	5
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	1	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	16

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 1, 1966 AND DECEMBER 26, 1964 (52nd WEEK) - Continued

Area	Brucellosis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals			Cumulative			Cum.
	1965	1965	1965	1965	1965	1964	1965	1965	1964	1965	1965
UNITED STATES...	9	699	293	302	33,658	37,673	73	3,039	2,813	2	276
NEW ENGLAND.....	-	30	13	15	1,874	3,363	7	161	98	-	7
Maine.....	-	8	4	3	336	1,018	-	18	9	-	-
New Hampshire.....	-	3	-	2	172	268	1	10	2	-	2
Vermont.....	-	1	1	-	92	386	1	9	4	-	-
Massachusetts.....	-	15	7	8	746	779	3	62	41	-	4
Rhode Island.....	-	1	-	1	207	237	-	18	12	-	-
Connecticut.....	-	2	1	1	321	675	2	44	30	-	1
MIDDLE ATLANTIC.....	-	210	78	132	6,104	8,176	17	411	356	-	22
New York City.....	-	127	33	94	1,351	1,293	8	73	48	-	4
New York, Up-State.	-	36	24	12	2,240	3,548	1	118	110	-	7
New Jersey.....	-	21	11	10	1,084	1,333	4	107	110	-	2
Pennsylvania.....	-	26	10	16	1,429	2,002	4	113	88	-	9
EAST NORTH CENTRAL...	-	125	72	43	6,567	6,100	9	457	376	1	37
Ohio.....	-	27	11	13	1,775	1,606	3	126	99	-	3
Indiana.....	-	12	7	4	549	495	2	52	59	1	10
Illinois.....	-	10	4	5	1,205	1,156	2	121	100	-	17
Michigan.....	-	65	44	21	2,612	2,435	2	109	82	-	3
Wisconsin.....	-	11	6	-	426	408	-	49	36	-	4
WEST NORTH CENTRAL...	5	21	7	6	1,849	2,134	1	146	160	1	26
Minnesota.....	1	3	1	2	227	233	-	33	35	1	11
Iowa.....	4	4	2	1	593	456	1	14	9	-	4
Missouri.....	-	4	-	-	409	506	-	58	75	-	6
North Dakota.....	-	1	-	-	35	64	-	13	20	-	1
South Dakota.....	-	2	-	-	24	135	-	4	3	-	-
Nebraska.....	-	1	1	-	100	85	-	11	7	-	2
Kansas.....	-	6	3	3	461	655	-	13	11	-	2
SOUTH ATLANTIC.....	3	54	28	14	3,424	3,467	9	567	534	-	63
Delaware.....	-	-	-	-	93	78	-	11	7	-	-
Maryland.....	-	15	10	5	625	643	1	56	44	-	3
Dist. of Columbia..	-	4	-	-	54	72	1	12	17	-	-
Virginia.....	1	10	5	1	790	565	2	76	67	-	6
West Virginia.....	-	3	2	1	461	491	-	30	36	-	1
North Carolina.....	-	6	5	1	348	556	2	121	94	-	11
South Carolina.....	-	3	1	-	144	155	1	70	59	-	7
Georgia.....	1	-	-	-	120	114	-	63	88	-	10
Florida.....	1	13	5	6	789	793	2	128	122	-	25
EAST SOUTH CENTRAL...	-	35	22	5	2,382	2,535	1	231	215	-	35
Kentucky.....	-	17	9	2	870	880	-	88	72	-	8
Tennessee.....	-	13	11	2	812	904	1	73	67	-	12
Alabama.....	-	2	-	-	409	487	-	43	47	-	13
Mississippi.....	-	3	2	1	291	264	-	27	29	-	2
WEST SOUTH CENTRAL...	1	48	6	11	2,767	2,924	5	377	314	-	59
Arkansas.....	-	5	-	5	347	295	-	19	35	-	13
Louisiana.....	-	7	2	5	468	690	3	203	133	-	11
Oklahoma.....	1	5	4	1	60	135	-	22	16	-	1
Texas.....	-	31	-	-	1,892	1,804	2	133	130	-	34
MOUNTAIN.....	-	28	13	4	1,823	2,333	5	113	109	-	3
Montana.....	-	1	-	-	157	194	-	3	1	-	-
Idaho.....	-	4	-	-	203	356	-	14	5	-	-
Wyoming.....	-	3	3	-	58	97	1	7	5	-	-
Colorado.....	-	1	-	1	379	604	-	30	22	-	2
New Mexico.....	-	7	7	-	398	341	-	11	49	-	-
Arizona.....	-	5	-	-	384	497	3	24	8	-	1
Utah.....	-	6	3	3	227	193	1	19	8	-	-
Nevada.....	-	1	-	-	17	51	-	5	11	-	-
PACIFIC.....	-	148	54	72	6,868	6,641	19	576	651	-	24
Washington.....	-	12	3	7	527	666	2	49	48	-	-
Oregon.....	-	11	-	-	608	654	1	38	28	-	4
California.....	-	115	50	65	5,399	4,879	13	460	553	-	19
Alaska.....	-	9	-	-	244	317	2	20	7	-	-
Hawaii.....	-	1	1	-	90	125	1	9	15	-	1
Puerto Rico	-	21	17	4	1,399	1,007	-	11	37	-	59

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 1, 1966 AND DECEMBER 26, 1964 (52nd WEEK) - Continued

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals	
		Cumulative				Cum.		Cum.		Cum.
	1965	1965	1964	1965	1965	1965	1965	1965	1965	1965
UNITED STATES...	4,150	266,222	487,819	7,203	8	246	18	459	81	4,236
NEW ENGLAND.....	61	37,488	22,666	1,159	-	2	-	7	-	48
Maine.....	15	2,949	3,828	215	-	-	-	-	-	4
New Hampshire.....	-	383	907	3	-	-	-	-	-	5
Vermont.....	19	1,457	2,432	46	-	-	-	-	-	32
Massachusetts.....	20	19,505	7,548	172	-	2	-	3	-	2
Rhode Island.....	2	3,972	2,575	66	-	-	-	1	-	1
Connecticut.....	5	9,222	5,376	657	-	-	-	3	-	4
MIDDLE ATLANTIC.....	1,709	20,174	53,663	410	1	2	2	70	15	273
New York City.....	1,199	4,910	15,582	58	-	-	1	31	-	-
New York, Up-State.	19	4,480	13,223	242	-	1	-	16	15	257
New Jersey.....	266	4,140	12,372	42	-	-	-	7	-	-
Pennsylvania.....	225	6,644	12,486	68	1	1	1	16	-	16
EAST NORTH CENTRAL...	1,354	64,776	106,986	477	2	19	5	59	4	641
Ohio.....	31	9,277	20,308	72	-	-	4	16	3	342
Indiana.....	15	2,366	23,232	22	1	8	1	18	-	75
Illinois.....	368	4,565	16,794	91	1	8	-	12	1	92
Michigan.....	376	28,161	30,595	223	-	2	-	7	-	66
Wisconsin.....	564	20,407	16,057	69	-	1	-	6	-	66
WEST NORTH CENTRAL...	63	17,578	31,709	273	-	30	2	19	22	847
Minnesota.....	44	950	348	3	-	1	-	1	5	187
Iowa.....	2	9,309	23,818	54	-	-	-	2	5	232
Missouri.....	7	2,688	1,130	4	-	20	2	13	7	134
North Dakota.....	10	4,045	5,500	62	-	-	-	-	-	50
South Dakota.....	-	116	69	14	-	3	-	-	-	61
Nebraska.....	-	470	844	-	-	2	-	3	1	37
Kansas.....	NN	NN	NN	136	-	4	-	-	4	146
SOUTH ATLANTIC.....	264	27,276	40,599	730	2	37	-	81	13	551
Delaware.....	3	519	420	11	-	-	-	5	-	-
Maryland.....	66	1,359	3,457	33	2	2	-	21	-	27
Dist. of Columbia..	17	157	358	15	-	-	-	-	-	-
Virginia.....	31	4,325	13,085	196	-	9	-	9	9	336
West Virginia.....	45	14,872	9,991	268	-	-	-	3	2	29
North Carolina.....	3	419	1,288	30	-	8	-	16	-	3
South Carolina.....	43	1,262	4,302	39	-	3	-	9	-	3
Georgia.....	-	655	215	2	-	15	-	12	1	73
Florida.....	56	3,708	7,483	136	-	-	-	6	1	80
EAST SOUTH CENTRAL...	324	16,356	69,391	1,286	2	28	2	49	10	838
Kentucky.....	109	3,805	18,854	113	-	4	-	10	4	100
Tennessee.....	213	9,043	25,213	1,085	2	23	-	19	6	680
Alabama.....	1	2,358	18,546	76	-	1	-	10	-	16
Mississippi.....	1	1,150	6,778	12	-	-	2	10	-	42
WEST SOUTH CENTRAL...	96	32,207	73,998	422	1	98	2	62	15	698
Arkansas.....	1	1,195	1,155	3	-	66	1	16	1	99
Louisiana.....	3	134	122	13	1	9	1	12	1	89
Oklahoma.....	6	244	1,072	10	-	11	-	10	1	140
Texas.....	86	30,634	71,649	396	-	12	-	24	12	370
MOUNTAIN.....	127	21,095	21,966	1,284	-	16	-	33	-	96
Montana.....	17	3,928	4,262	44	-	4	-	1	-	6
Idaho.....	40	3,119	2,340	138	-	-	-	-	-	-
Wyoming.....	1	874	296	14	-	4	-	1	-	-
Colorado.....	2	6,009	3,461	694	-	-	-	1	-	9
New Mexico.....	1	694	1,137	151	-	-	-	13	-	21
Arizona.....	51	1,588	6,771	94	-	-	-	14	-	57
Utah.....	15	4,658	2,668	149	-	8	-	1	-	2
Nevada.....	-	225	1,031	-	-	-	-	2	-	1
PACIFIC.....	152	29,272	66,841	1,162	-	14	5	79	2	244
Washington.....	48	7,619	21,361	425	-	-	-	7	-	8
Oregon.....	18	3,520	9,042	27	-	5	-	8	-	9
California.....	79	13,864	34,346	538	-	9	5	63	2	225
Alaska.....	7	215	1,162	84	-	-	-	-	-	2
Hawaii.....	-	4,054	930	88	-	-	-	1	-	-
Puerto Rico	28	3,009	7,378	2	-	-	-	16	3	17

Week No. 52

Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 1, 1966

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over		
NEW ENGLAND:	803	477	37	31
Boston, Mass.	281	159	9	10
Bridgeport, Conn.	30	18	1	-
Cambridge, Mass.	35	25	1	1
Fall River, Mass.	40	24	1	3
Hartford, Conn.	47	24	1	3
Lowell, Mass.	29	17	3	1
Lynn, Mass.	27	15	5	-
New Bedford, Mass.	32	24	2	-
New Haven, Conn.	54	29	2	3
Providence, R. I.	66	35	1	1
Somerville, Mass.	18	12	-	2
Springfield, Mass.	54	39	3	4
Waterbury, Conn.	36	22	2	2
Worcester, Mass.	54	34	6	1
MIDDLE ATLANTIC:	3,570	2,030	188	169
Albany, N. Y.	44	22	2	2
Allentown, Pa.	31	21	1	-
Buffalo, N. Y.	150	86	13	5
Camden, N. J.	41	19	3	3
Elizabeth, N. J.	43	27	2	1
Erie, Pa.	55	32	4	4
Jersey City, N. J.	95	55	10	6
Newark, N. J.	117	56	10	8
New York City, N. Y.*	1,814	1,021	88	80
Paterson, N. J.	43	29	1	-
Philadelphia, Pa.	538	302	12	27
Pittsburgh, Pa.	193	105	2	15
Reading, Pa.	60	35	1	2
Rochester, N. Y.*	107	69	14	6
Schenectady, N. Y.*	28	18	2	1
Scranton, Pa.	40	31	4	-
Syracuse, N. Y.	59	37	4	-
Trenton, N. J.	43	20	3	3
Utica, N. Y.	37	24	10	2
Yonkers, N. Y.	32	21	2	4
EAST NORTH CENTRAL:	2,738	1,490	128	185
Akron, Ohio	56	38	2	3
Canton, Ohio	43	22	5	2
Chicago, Ill.	774	399	50	59
Cincinnati, Ohio	184	108	6	6
Cleveland, Ohio	214	117	3	11
Columbus, Ohio	159	85	4	17
Dayton, Ohio	99	55	18	6
Detroit, Mich.	339	173	9	19
Evansville, Ind.	31	19	1	2
Flint, Mich.	49	21	4	7
Fort Wayne, Ind.	49	25	2	2
Gary, Ind.	35	12	3	8
Grand Rapids, Mich.	55	40	4	-
Indianapolis, Ind.	174	95	4	16
Madison, Wis.	24	13	-	2
Milwaukee, Wis.	130	84	4	6
Peoria, Ill.	43	21	-	2
Rockford, Ill*	30	18	4	2
South Bend, Ind.	36	26	2	1
Toledo, Ohio	126	69	3	10
Youngstown, Ohio	88	50	-	4
WEST NORTH CENTRAL:	939	556	47	39
Des Moines, Iowa	63	47	4	3
Duluth, Minn.	26	16	-	1
Kansas City, Kans.	56	29	8	3
Kansas City, Mo.	146	92	3	4
Lincoln, Nebr.	11	8	1	-
Minneapolis, Minn.	121	69	2	3
Omaha, Nebr.	104	58	4	7
St. Louis, Mo.	291	167	12	12
St. Paul, Minn.	71	43	9	3
Wichita, Kans.	50	27	4	3
SOUTH ATLANTIC:	1,255	673	56	54
Atlanta, Ga.	123	48	4	8
Baltimore, Md.	278	149	11	15
Charlotte, N. C.	52	21	4	4
Jacksonville, Fla.	98	53	3	2
Miami, Fla.	78	43	2	3
Norfolk, Va.	63	32	3	4
Richmond, Va.	107	61	-	3
Savannah, Ga.	40	24	6	1
St. Petersburg, Fla.	73	60	7	-
Tampa, Fla.	86	57	8	2
Washington, D. C.	198	102	7	8
Wilmington, Del.	59	23	1	4
EAST SOUTH CENTRAL:	569	294	25	33
Birmingham, Ala.	82	41	4	6
Chattanooga, Tenn.	33	18	2	1
Knoxville, Tenn.	43	30	-	3
Louisville, Ky.	114	54	10	7
Memphis, Tenn.*	122	59	4	8
Mobile, Ala.	52	23	-	3
Montgomery, Ala.	30	17	1	2
Nashville, Tenn.	93	52	4	3
WEST SOUTH CENTRAL:	1,074	555	46	54
Austin, Tex.	34	20	4	1
Baton Rouge, La.	35	18	-	-
Corpus Christi, Tex.	21	12	-	1
Dallas, Tex.	172	85	6	4
El Paso, Tex.	37	21	5	-
Fort Worth, Tex.	69	32	5	8
Houston, Tex.	177	81	3	15
Little Rock, Ark.	53	26	3	2
New Orleans, La.	179	104	9	6
Oklahoma City, Okla.	86	51	3	8
San Antonio, Tex.	116	55	1	7
Shreveport, La.	43	21	3	1
Tulsa, Okla.	52	29	4	1
MOUNTAIN:	457	271	30	29
Albuquerque, N. Mex.	42	25	7	4
Colorado Springs, Colo.	20	15	2	2
Denver, Colo.	111	67	6	9
Ogden, Utah	11	7	-	1
Phoenix, Ariz.	135	78	8	6
Pueblo, Colo.	16	10	-	2
Salt Lake City, Utah	59	34	3	4
Tucson, Ariz.	63	35	4	1
PACIFIC:	1,753	1,056	44	103
Berkeley, Calif.*	19	14	-	1
Fresno, Calif.	51	31	2	3
Glendale, Calif.	40	27	-	2
Honolulu, Hawaii	53	23	3	7
Long Beach, Calif.	93	50	-	6
Los Angeles, Calif.	527	311	16	37
Oakland, Calif.	134	77	3	8
Pasadena, Calif.	32	25	-	-
Portland, Oreg.	133	84	-	4
Sacramento, Calif.	58	37	2	1
San Diego, Calif.	97	57	5	9
San Francisco, Calif.	213	131	6	12
San Jose, Calif.	61	38	1	-
Seattle, Wash.	143	90	3	9
Spokane, Wash.	63	35	2	2
Tacoma, Wash.	36	26	1	2
Total	13,158	7,402	601	697

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	640,803
All Causes, Age 65 and over	361,960
Pneumonia and Influenza, All Ages	25,982
All Causes, Under 1 Year of Age	37,543

INTERNATIONAL NOTES – QUARANTINE MEASURES

(Continued from page 445)

Pakistan, Page 51

Delete previous information under smallpox and insert:

Smallpox vaccination is required for arrivals from infected areas and for persons departing.

Delete previous information under cholera and insert:

Cholera vaccination is required for all arrivals from infected areas, one year of age and over. Travelers leaving Pakistan are required to possess a certificate if they have been in an infected local area.

Under Yellow Fever, page 52, delete the third paragraph starting with, "The validity of the certificate shall extend . . . ." Delete the third paragraph (page 53) starting with, "Arrivals by Sea . . . ."

Union of Soviet Socialist Republics, Pages 57 & 65

Under smallpox add: Certificate required from arrivals from the Federal Republic of Germany.

Delete previous information under cholera and insert:

"Cholera vaccination is required of all arrivals from infected local areas, 2 years of age and over. Certificate required from arrivals from Afghanistan, Brunei, Burma, India, Iran, Malaysia, Nepal, Pakistan, Philippines, Thailand, Republic of Viet-Nam.

Bulgaria, Page 58

Under smallpox add "Certificate required from arrivals from the Federal Republic of Germany."

ERRATUM, Vol. 14, No. 51, p. 434.

The footnote to the article "A Cryptic Case of Malaria Nevada" should read:

*World Health Organization Technical Report Series No. 272. 10th Report of the WHO Expert Committee on Malaria. World Health Organization, Geneva, 1964, p. 34.

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THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

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